ICONBIT HDB700LED

USER MANUAL

Evolution
Fossil record
Flamingoes are well attested in the fossil record, with the first unequivocal member of the extant family Phoenicopteridae, Elornis known from the Late Eocene. A considered to be flamingo ancestors. These include the genera Torotix, Scaniornis, Gallornis, Agnopterus, Tiliornis, Juncitarsus and Xashmisc these show a mix of characters and are fairly plesiomorphic in comparison to modern birds. (The supposed "Cretaceous flamingo" Parascaniornis is actually a synonym of Baptornis and not a close relative to any living bird). An extinct family of peculiar "swimming flamingos", the Palaelodidae, are believed to be related to, or to be the ancestors of, the modern flamingos. This is sometimes rejected, since the fossil Elornis is known from some time before any palaelodid flamingos have been recorded. There exists a fairly comprehensive fossil record of the genus Phoenicopterus.
Relations
American Flamingos at Chester Zoo.
American Flamingo and offspring
The identity of the closest relatives of the flamingos is a rather contentious issue. A wide variety of birds have been proposed as their closest relatives, on a wide variety of existence. To reflect the uncertainty about this matter, flamingos are generally placed in their own order. Recent molecular and anatomical studies have suggested a relation with grebes.
Traditionally, the long-legged Ciconiiformes, probably a paraphyletic assemblage, have been considered the flamingos' closest relatives and the family was included in the order. Usually the Ibises and spoonbills of the Threskiornithidae were considered their closest relatives within this order. Earlier genetic studies, such as those of Charles Sibley and colleagues, also supported this relationship. Relationships to the wa-

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Disclaimer

All the information, design and specifications contained in this manual were correct at the time of publication. However, as the product is under development and upgrading, the final device may have a slightly difference in appearance or modified functionality than presented in this manual.

Introduction

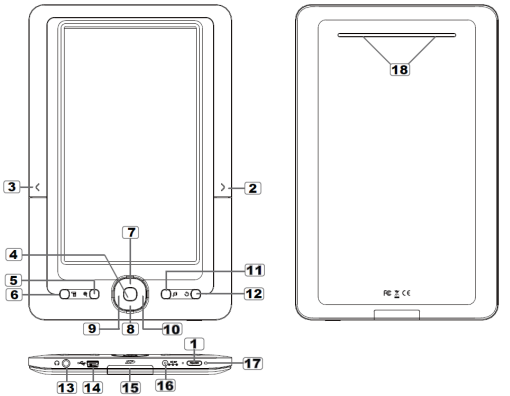
HDB700LED is an ebook reader with full color display screen. HDB700LED supports ebooks encrypted with Adobe DRM.

Package Contents

1. Ebook Reader
2. USB cable
3. Leather Cover
4. Instruction Manual

Getting Started

Parts and Controls



[1] **Power button** – press and hold for 3 second to turn on/off, press and hold 6 seconds to reset
[2] **Next pg button** – press to turn to next page
[3] **Previous pg button** – press to turn to previous page
[4] **OK / Enter Button**
[5] **Zoom button** – press to adjust font size or to zoom in/out
[6] **Menu button** – press to display Option Menu
[7] [8] [9] [10] **Directional buttons** – to move cursor
[11] **Music button** – to enter into music playing menu
[12] **Return button** – press once to return to previous menu, press and hold to return to Home menu
[13] **Earphone jack**
[14] **Mini USB jack** – for data transfer and emergency charging
[15] **SD cart slot** – supports SD/SDHC/MMC card
[16] **DC jack** – for charging
[17] **LED indicator**
[18] **Speaker** – do not block this area during music playing

Power On and Off the Reader

- Press and hold the [Power] button for 2 seconds to turn on Reader.
- It may take a few moments for reader to turn on and loading the content.
- If Reader does not turn on, charging is required.
- To turn off Reader, press and hold [Power] button for 2 seconds.

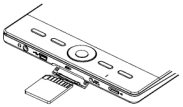
Charging the Reader

- You need to charge the Reader prior to using it for the first time or when battery power is low.
- You can charge the Reader via:
  - Connect to AC source via supplied AC adapter
  - Connect to PC or other USB adapter via supplied USB cable.
- When charging through PC, you cannot operate the Reader. To operate the reader during charging, click the Safely Remove Hardware from your desktop with the Reader remains connection to PC. Upon Reader is safely removed, you can operate it while charging.
- Please turn the Reader to standby mode to shorten the charging process.
- It will take about 6 hours to fully charger the reader in standby mode (LCD off)
- When DC /USB power cable is connected to the reader for charging, the reader will enter into standby mode after remains idle for 60 s. Press the [Power] button to wake up the reader.
- The battery status is displayed at the bottom left corner. The remaining battery playback time is displayed right next to the battery icon.

Inserting Memory Card

The Reader supports SD/SDHC/MMC card. To insert a Memory card:

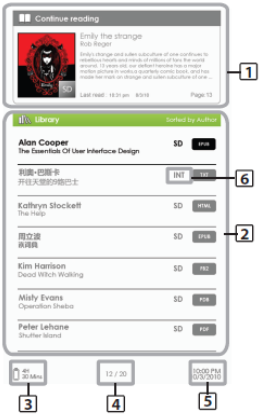
- Open the SD cover.
- Check that the SD card is in the correct position with the contact pin facing upwards as illustrated below. You may damage the card and the reader if SD card is not inserted in correct position.



- Push the SD card into the card slot until it clicks.
- To remove SD card, push the SD card once again until it clicks.
- When a SD card is inserted in or ejected from the reader, it may take few seconds for the reader to update the content.
- Please avoid inserting or ejecting SD card when other operation is running as this may cause the system hang.
- Do Not remove the card if the content inside the card is being played. This will halt the operation of the reader and cause the reader to restart.
- If the system is not responding, press and hold the <Power> button for 6 seconds to reset and turn it off.

Starting from Home Menu

When the Reader is turn on, you will enter into the Home Menu.



1. Continue Reading
- display the page of the last read book. Press <OK> button to open the last read page.

2. Library
- display the list of books available. Move the cursor to desired book and press <OK> to open it.

3. Battery Indicator
- displays remaining battery life during operation
- displays remaining charging time during charging

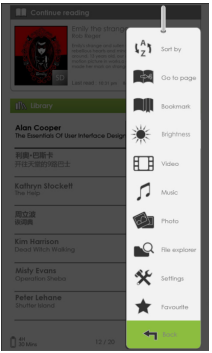
4. Page Number
- displays current page number and total available pages.

5. Time & Date
- display current time and date, you can set this from the **[Settings]**

6. File Directory
- indicates the location where the file is stored. SD – SD card, INT – internal memory

Entering Option Menu

To access extra functions available, press [Menu] button to display the Option Menu as illustrated.



Press the directional key to move cursor to desired item. Selected item will be highlighted in dark. Press <OK> to enter.

To exit from Option menu, move cursor to Back and press <OK> to confirm.

Alternatively, press the <Return> button to exit.

Sort by	To sort books by different categories: Title, Author, Category, Date, Format
Go to page	Jump to a specific page
Bookmarks	Read from previously added bookmarks
Brightness	Adjust brightness of the display screen
Video	Enter into Video Player
Music	Enter into Music Player
Photo	Enter into Photo Viewer
File Explorer	Enter into File Explorer for advance file management
Settings	Enter into System settings and to read user guide
Favourite	Open your favorite book list.

Importing and Transferring Content

Importing Content

- The Reader supports USB Mass Storage Device function.
- To import contents (ebooks, video, audio, photo etc) into the reader, connect the reader to PC via the supplied USB cable.
- Upon successful connection to PC, the reader will enter USB mode and all operation will be halted.
- Go to [My Computer], double click on the reader's disk to open.
- Perform normal file management operation like other USB device.

Importing DRM Contents

The Reader supports Adobe DRM contents. Adobe Digital Editions (ADE) is required.

Installing Adobe Digital Editions (ADE)

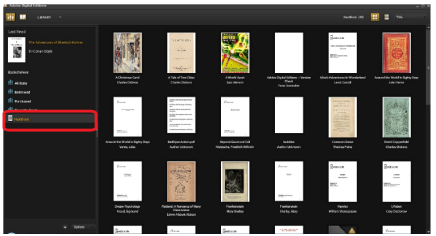
- The ADE installer is preloaded into the Reader.
- Connect the Reader to PC via the supplied USB cable and open the reader as removable disk. Go to [My Computer], double click on the reader's disk to open.
- Make sure your computer is connected to internet
- Double click on the [digitaleditions_172] file to open the installer.
- Alternatively, you can download the installer from http://www.adobe.com/products/digitaleditions/#fp.
- For first time user, you will need to get a free adobe ID from adobe website. Click on the [get an Adobe ID online] link as illustrated:

ADOBE® DIGITAL EDITIONS
Setup Assistant
Thank you for installing Adobe Digital Editions, the most flexible way to read and manage eBooks and other digital publications.
This setup assistant will guide you through the one-time step of activating Digital Editions, which enables you to download and read Adobe digital rights management protected items from online retailers and libraries.
To get started, click Continue.
Cancel
Continue
ADOBE® DIGITAL EDITIONS
Digital Editions makes it easy to transfer protected ebooks between multiple computers and mobile devices. To enable these features, you need to authorize each of your machines with your Adobe ID. More Info
If you don't have an Adobe ID, it's free and easy to get an Adobe ID online
Authorize Computer (Recommended)
This option enables you to read protected items that you download with Digital Editions on up to six computers and mobile devices. It also enables you to restore your ebooks from backups should you ever need to re-install your operating system.
Please enter your Adobe ID and Password below, then click Activate.
Adobe ID (email address)
Did you forget your Adobe ID?
Password
Did you forget your password?
Don't Authorize Computer
With this option, protected items that you already have or download later will be "tied" to this particular computer, will not be readable on other computers or devices, and can't be restored from backup if the operating system is re-installed.
Cancel
Activate

- Enter your email address and complete the online form as per instructed.

Authorizing PC and Reader

- Upon registration, return to the ADE window. Enter the username and password to activate your Adobe account.
- After activation, connect the Reader to PC. ADE will detect the Reader and you are prompted to authorize device.
- After authorization, you will be able to find the Reader recognized in ADE as below. Contents inside the Reader will be displayed on the right hand windows.



- You can now start downloading or buying ebooks from online ebook stores supporting Adobe DRM.

- Purchased or downloaded ebooks will be stored in [My Digital Editions] in [My Documents].

Transferring DRM ebooks to Reader

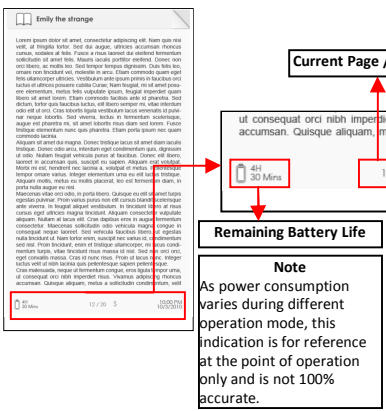
- From ADE menu, click on [All Items] on the left hand column
- Items in [My Digital Editions] will be listed down in right window.
- Select the desired item(s) to be transferred, <Shift> + <Left Click> to select multiple files.
- Drag and drop the selected item(s) into the Reader's Drive located on the last row of the left side column as illustrated below.

Reading Books

Opening Book

- Books transferred to Reader will be listed in Home Menu.
- Reader supports ebooks in epub, pdf, txt, pdb, html format.
- Use the <Directional> buttons to move the cursor to select book and press <OK> to open.

Book Page Interface


Emily the strange
Current Page / Total Page
ut consequat orci nibh imperdiet risus. Vivamus adipiscing rhoncus accumsan. Quisque aliquam, metus a sollicitudin condimentum, velit
4H
30 Mins
12 / 20
S
10:00 PM
10/3/2010
Remaining Battery Life
Font Size
Note
As power consumption varies during different operation mode, this indication is for reference at the point of operation only and is not 100% accurate.

Turning book page

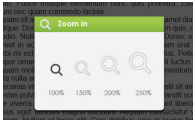
- On reading page, press <Next Page> or <Directional-Right> button to turn to next page. To turn to previous page, press <Previous Page> or <Directional-Left> button.

Adjusting Font Size

- In reading page, press <Zoom> button to enter the font size menu.
- There a 5 font sizes available: Small, Medium, Large, XLarge, XXLarge.
- Move the cursor to the desired font size
  then press <OK> to confirm.
- It may take some time for the fonts to
  be resized.

Zooming In/Out

- You will need to use zooming function to enlarge images available in the ebook (epub & pdf file)
- From the size menu, select [Enlarge]
- Zoom menu will appear.



- Move the cursor to the desired zoom level and press <OK>.
- In zoom mode, use <Directional> buttons to pan across the zoomed page.
- Page turning is disabled in zoom mode.
- Press <Return> to exit zoom mode and return to original size and resume normal book reading functions.

Using Option Menu in Reading

In Reading page, press <Menu> button to enter Option Menu.

Options available:

1. Add / Delete Bookmark
2. Bookmarks
3. Go to Page
4. Music
5. Auto flip
6. Book Information
7. Rotate
8. Display Settings
9. Add to Favorite

Adding Bookmark

When reading, turn to the desired page that you would like to bookmark. Press <Menu> button, move the cursor to [Add Bookmark] and then <OK>.

Deleting Bookmark

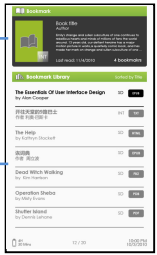
- Turn to the bookmarked page that needs to be deleted. Press <Menu> and move the cursor to <Delete Bookmark>. Press <OK> to confirm.
- Alternatively, you can delete bookmark from the Bookmark List.
- In the Bookmark list, press <Menu> and select [Delete] to delete selected bookmark.

Read from Bookmarks in Home Menu

- From Home Menu, press <Menu> and select [Bookmarks] to enter Bookmark List.

Upper window displays a quick preview of the selected book.

Lower window displays the list of books with bookmarks. Press <OK> on the desired book to view the available bookmark list.



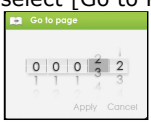
- In the Bookmark List, move the cursor to the desired bookmark, press <OK> to open.
- To delete bookmark from the Bookmark List, press <Menu> to display [Option Menu] and select [Delete] to confirm.

Read from Bookmarks in Current Book

- In reading page, press <Menu> and select [Bookmarks] to enter into Bookmark List.
- In Bookmark List, move the cursor to the desired page and press <OK> to open.
- To delete bookmark from the Bookmark List, Press <Menu> to display the Option Menu and select [Delete] to confirm.

Go to Page

You can jump to pages using the [Go to Page] option. In the Option Menu, select [Go to Page].



In Go to Page menu, move the cursor by the <Directional-Left/Right> button. Input page number by <Directional –Up/Down> button.
Move the cursor to [Apply] then <OK> to apply settings.

Auto Flip

You can set the Reader to [Auto Flip] mode. The auto flip duration available are: 10s, 20s, 30s, 40s, 50s, 1 min.

Book Information

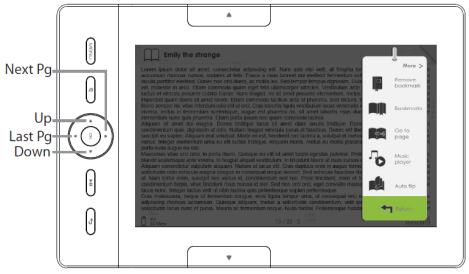
You can check the information of the current book from the [Book Information] option. This will show:
Title, Author, Publisher, File Type, Date added, File size, Publisher and Expiration.
Depends on the source of ebook that you download/purchase, some of the information may not be available.

Rotate

[Rotate] option allows you to rotate the display orientation 90° in clock wise direction to landscape orientation.

- To return to original orientation, press <Menu> and enter [Rotate] once again.

In landscape view, the button layout is as below:



- In landscape view, the Option Menu is divided into 2 pages. To access options in the second page, move the cursor to [More>] icon at the top right corner of the Option Menu and then enter
- To return to previous page, move the cursor to [< Back] and then enter

Display Settings

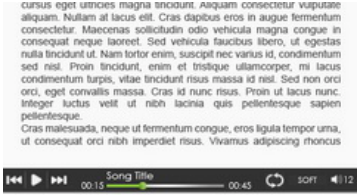
- To adjust font color, background color, brightness during reading.
- Change of font color and background color are only applicable to txt and epub documents.

Add to Favorite

- You can add books to your Favorite List. In Option menu, move the cursor to [Add to Favorite] to add current book into Favorite List.
- To view books in Favorite List, from Home Menu, press <Menu> button and select [Favorite].
- To remove book from Favorite:
    1. Enter Favorite List from Home menu. Move the cursor to the desired book title. Press <Menu> button and select [Delete] from the dropdown list.
    2. From reading page, press <Menu> button and select [Remove from Favorite] from the Option Menu.

Background Music Playback in Book page

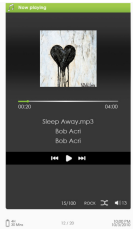
- The reader supports background music playing when reading books or viewing photos.
- To control music playback in book page, press <Music> button and a mini music player control bar will appear at the bottom of the page.


cursus eget ultricies magna tincidunt. Aliquam consectetur vulputate aliquam. Nullam at lacus elit. Cras dapibus eros in augue fermentum consectetur. Maecenas sollicitudin odio vehicula magna congue in consequat neque laoreet. Sed vehicula faucibus libero, ut egestas nulla tincidunt ut. Nam tortor enim, suscipit nec varius id, condimentum sed nisl. Proin tincidunt, enim et tristique ullamcorper, mi lacus condimentum turpis, vitae tincidunt risus massa id nisl. Sed non orci orci, eget convallis massa. Cras id nunc risus. Proin ut lacus nunc. Integer luctus velit ut nibh lacinia quis pellentesque sapien pellentesque.
Cras malesuada, neque ut fermentum congue, eros ligula tempor urna, ut consequat orci nibh imperdiet risus. Vivamus adipiscing rhoncus
Song Title
00:15
00:45
SOFT
112

- Press the music control buttons to control music playback.
- To return to book page, press <Return> button and resume normal book reading controls.

Playing Audio Files

Music Player



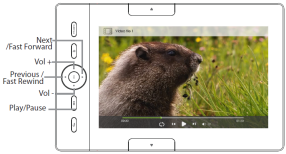
- From Home Menu, press <Menu> to display Option Menu.
- Move the cursor to [Music] and press <OK> to confirm.
- In the Music player, press <OK> to play/pause music playing
- Press <Directional Right> to play next song, press and hold to Fast Forward
- Press <Directional Left> to play previous song, Press and hold to Fast Rewind
- Press <Directional Up> to increase volume
- Press <Directional Down> to decrease volume

Using Option Menu in Music Player

Normal	EQ settings – move the cursor to [EQ Settings] , press [Left] or [Right] button to select desired EQ mode.
Loop	Play Mode - move the cursor to [Play Mode] , press [Left] or [Right] button to select desired Play mode
Sort by all song	To view all stored audio files
Sort by genre	To sort audio files by genre
Sort by album	To sort audio files by album
Sort by artist	To sort audio files by artist

Playing Video Files

- From Home Menu, open Option menu and select and enter into the video library.
- In video library move the cursor to your desired video file and press <OK> to start playing.
- During video playback, the button definition is a below:



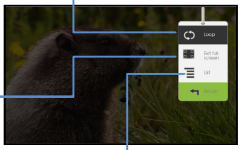
Using Option Menu During Video Playback

During video playback, press <Menu> button to display Option Menu.

Press <Left>/<Right> button to switch between [Loop] & [Repeat]
Loop: to play all video files available in the list.
Repeat: repeat the current video

Press <OK> button to enter [Full Screen] or [Fit to screen Display

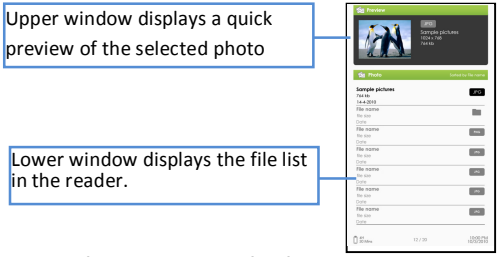
Press <OK> button to return to video list.



Viewing Pictures

Gentle Reminder: Please organize the pictures into a specific folder for the ease of navigation.

- From Home Menu, press <Menu> to display Option Menu.
- Move the cursor to [Photo] and press <OK> to confirm.



- Use the <Directional> buttons to navigate through the files/folders.
- Press <OK> on the selected photo to view a full screen display.
- In full screen mode, press <Directional Left/Right> to view previous and next picture.

Zoom In/Out Picture

- There are 3 zoom levels available. To zoom in picture, in full screen mode, press <Zoom> button to change different zoom level.
- To return to original size, press <Return> button and resume normal operation.

Slideshow

- In full screen mode, press <Menu> → [Slideshow] to start.
- To stop slideshow, press <Menu> button once.
- From the drop down menu, select [Slide Time] to adjust slideshow duration.

Thumbnail view

- In full screen mode, press <Menu> → [Thumbnail] to view pictures in thumbnail mode.
- To exit thumbnail view, press <Menu> once to return to full screen mode.

File Explorer

- From Home menu, press <Menu> → [Explorer]
- Press <Left> / <Right> to select Internal / SD card memory and press [OK] to enter.
- Press <Return> to exit from current directory and the cursor will move to the top for memory selection.

Copy / Paste file

- You can copy files/folders from SD card to internal memory and wise versa.
- From the file list, move the cursor to the desired file to copy. Click <Menu> and select [Copy].
- From explorer, go to the desired directory to store the copied file. Click <Menu> and select [Paste] to start copying file into the new directory/folder.

Note: it may take longer time to paste files/folder with big file size.

Deleting File

From explorer, move the cursor to desired file to delete. Press [Menu] to enter display setting and select [Delete] to start.

Note: it may take longer time to delete files/folder with big file size and quantity.

Settings

- From Home Menu, press <Menu> to display Option Menu.
- Move the cursor to [Settings] and press <OK> to confirm.

Time & Date
To set the clock and date of the Reader.
Press <Directional Left/Right> buttons to move the cursor.
Press <Directional Up/Down> buttons to input value.

Device Standby
- To enable / disable auto standby mode.
- To manually set the reader to standby mode, press the <Power> button once in any menu.
- Press the <Power> button once to wake up the reader from standby mode.

Format Memory
To format internal memory and memory card.
All data will be lost. Please backup your data before performing this.

About Product
Displays product information of the Reader.

Power Management
Displays real time battery charging and discharging status of the Reader.

Restore Factory Defaults
To restore the Reader's settings to defaults.
All settings will be restored.

Language
To set system language of the reader.

User's Manual
To read the digital version user guide.

Troubleshooting

If the reader does not function as it is expected, please try the following steps.

The Reader is not responding or can't be turned on.

- Reset the reader by press and hold the power button for 6 seconds. The reader will be forced shutdown if it is on and you are required to restart the reader again.
- Battery has been fully depleted. Please charge the reader via USB or USB AC Adapter.

Battery Life seems short

- The operating temperature is below 5°C. this is due to the characteristics of battery and not a malfunction
- The battery is not used for prolonged period. Please recharge the battery of the reader again
- The battery is not fully charged. Please charge the reader for 4 hours.
- The battery needs to be replaced. Please consult the authorized dealer for service.

It takes long time for the display to appear

- This is due to the characteristic of the display panel, especially in low temperature environment, and not a malfunction.

A Book cannot be read

- Copyright protected books cannot be read on any device other than the authorized one.
- Check if the book has expired.
- Check if the book format is supported by the reader.

The reader cannot be operated during USB connection

- The reader cannot be operated while it is connected to PC.
- Eject the reader from computer to resume operation.
- To use the reader while charging, click on the icon located on the right lower corner to disconnect data connection with computer. After the reader is safely removed, computer will only charge the reader and you can now resume normal operation.

Precautions and Maintenance

On Battery

- Charge the battery only in temperature that ranges from 0 to 35 degree Celsius.
- Do not charge reader if the battery is found damaged or leaking.

On Operation

- Never subject reader to extremes of light, temperature, moisture or vibration.
- Never wrap reader in anything when it is being used or charged. Heat may be built up in reader while charging or if it used for an extended period of time.
- Do not use or store reader in a location subject:
  A. Extreme high temperature, such as in a sun-heated car
  B. Direct sunlight
  C. High humidity or places with corrosive substances
  D. Sub-zero condition, especially during winter

On Headphone

- Listening to audio at high volume for extended periods of time can cause hearing damage. To avoid damage to your hearing, keep the volume at moderate level.
- Do not use headphones while driving, cycling or operating any motorized motors. It can also be potentially dangerous to play at a high volume while walking, especially at pedestrian crossings.

On Cleaning and Maintenance

- If reader does get wet, turn off reader immediately. Wait for reader to dry completely before turning on again.
- Clean the screen with a soft cloth; be careful not to wipe it with anything abrasive. When carrying your reader in bag, keep reader in the protecting case supplied to avoid scratches
- If reader needs service, please consult the authorized dealer through the contact information provided in the warranty card. Faulty service may void the warranty.

On SD card

- After inserted a SD card, if the reader has no response, please take out and insert again.
- Do not remove SD card or turn off reader during data writing or reading to prevent damage to data and to the reader.
- Make sure the SD card is unlocked before writing or deleting data in the SD card.
- Backup your files and data before formatting the SD card. Please format the SD card in FAT.

Product Specifications

Display
7 inch TFT-LCD Display, 800x480 pixels
Brightness: 200cd/m^2

Storage memory
Built in memory: 8GB
Supports SD/SDHC/MMC up to 16GB (FAT format)

Media File Format supported
Ebook: epub, pdf, txt, pdb, html
Audio: mp3, wma, wav, ogg, aac
Photo: jpg, bmp, gif
Video: wmv, flv, rm/rmvb, mov, avi, mpeg 1, mpeg 2, mpeg 4, xvid, divx, h.263, h.264, up to HD 1080p resolution

Connectivity
Data transfer: USB 2.0 High Speed
Audio: 3.5mm audio jack
Power: DC jack, USB jack

Miscellaneous
Built in stereo speaker
Clock / Date
Real time battery indication

Battery life
Reading – up to 6 hours
Music – up to 20 hours (with backlight off)

Charging
Power: DC 5.0V, 1.0A
Duration: 6 hours (approx)

Minimum system requirement (USB Mass Storage)
Windows 2K, ME, XP, Vista, Win 7, Mac OS 10x

Physical properties
Dimension: 206.4 x 132.6 x 12.8 mm (approx)
Weight: 340g (approx)

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